

Field Data Sheet for Water Quality Monitoring

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Sample # for site #2 before cows Legal Descrip _____Waterbody Tributary to Niagara Creek Arrival time 10:40Location ID Barm Meadow (BM) Depart time 10:47Samplers Lindsey Myers, Julia Stephens Date 6/12/09**Site Observaitons:**

| | |
|------------------|---|
| Cloud Cover | No Clouds; Partly Cloudy ; Cloudy Sky (overcast) |
| Precipitation | None ; Misty; Foggy; Drizzle; Rain; Snow |
| Wind | Calm ; Breezy; Windy |
| Water Murkiness | Clear Water ; Cloudy Water (>4" visibility); Murky (<4"visibility) |
| Flow (relative) | Very Low; Low; Medium ; High; Very High; Same |
| Sample color | None ; Amber; Yellow; Green; Brown; Gray; Other |
| Sample odor | None ; Algae smell; Chlorine; Sulfide; Sewage; Other |
| Presence | Algae or water plants ; leaf litter; trash; Other |
| Habitat | Describe; Below Meadow, sage bruch, corn lilies domiant species |
| Bank Disturbance | Describe; None |

Comments:

Creek sampled below annual grass meadow with willows and aspen grove, surrounded by mixed conifer forest. Snow still on nearby mountain top, meadow very wet.

Field Water Measurements:

| Instrument ID | Parameter | Unit | Reading 1 | Reading 2 | Reading 3 |
|---------------|--------------|---------|-----------|-----------|-----------|
| YSI 63 meter | Conductivity | µS | 101.5 | 1.7 | 100.9 |
| YSI 63 meter | pH | pH | 7.82 | 7.77 | 7.74 |
| YSI 63 meter | Water Temp | Celsius | 12.4 | 12.4 | 12.4 |

Comments:

Bacteria Sample Container ID 17+ Time collected 10:42

Bacteria Sample Container ID _____ Time collected _____

Sample arrival time at AquaLab 15:14

Comments:

Turbidity sample taken.

Entered into dBase by Lindsey Myers Date 6/15/09

dBase check _____ Date _____